ABSTRACT OF THE DISCLOSURE

A method of driving a PDP including alternately-arranged X and Y electrodes and A electrodes crossing the X and Y electrodes provides a recurring cycle of a resetting period, an addressing period, and a sustaining period. The method includes applying a ramp waveform in the resetting period. Discharge starting threshold voltages between the X and Y electrodes and between the A and Y electrodes are denoted by V_{tXY} and V_{tAY}, respectively. Voltages applied between the X and Y electrodes and between the A and Y electrodes at the trailing edge of the ramp waveform are denoted by V_{XY} and V_{AY}, respectively. An offset voltage of the voltage applied between the A and Y electrodes at the end of the sustaining period is denoted by V_{aoff}. In such a case, the voltage of a driving waveform for each electrode is set so as to satisfy the relational expression "$2V_{tAY} - V_{tXY} \leq 2V_{AY} - V_{XY} - 2V_{aoff}$".